

AMENDMENT TO CLAIMS

What is claimed is:

1. (Currently Amended) A switch, comprising:

- a substrate;
- an elongated movable part;
- a pair of electrical contacts disposed at one side of said part;
- an actuation electrode disposed at said one side of said part and separated from said pair of electrical contacts;

wherein said part, said contacts and said electrode are disposed on said substrate, wherein said elongated movable part is arranged and dimensioned such that said movable part is movable in a lateral direction generally toward said contacts, and wherein said movable part includes a central elongated member fixed to a cylindrical-shaped head having an electrical contact disposed at said one side, said electrical contact contacting said pair of electrical contacts during a normal operation of said switch.

2. (Original) The switch as claimed in claim 1, wherein said central elongated member includes thin-film electrically conductive materials provided on an elongated insulating member.

3. (Canceled) The switch as claimed in claim 1, wherein said head has a cylindrical shape.

4. (Withdrawn) The switch as claimed in claim 1, further comprising an anchor, wherein said elongated insulating member is disposed within said anchor.

5. (Withdrawn) The switch as claimed in claim 1, further comprising an anchor, wherein said anchor includes a pin, said pin being movably attached within a slot in said insulating member in a direction normal to said insulating member, so that said insulting member is movable laterally

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around said pin.

6. (Original) The switch as claimed in claim 1, further comprising another pair of electrical contacts disposed at another side of said part opposite said one side.

7. (Currently Amended) The switch as claimed in claim 1, wherein said head includes another electrical contact disposed at ~~said~~ another side of said part.

8. (Original) The switch as claimed in claim 1, wherein said head comprises a central insulating material, said contact being disposed at one end of said material.

9. (Original) The switch as claimed in claim 1, wherein said elongated insulating member comprises an insulator, the insulator being selected from the group consisting of SiO₂, SiN, Silicon Oxynitride, SiON, Al₂O₃, AlN, TiO₂, ZrO₂, HfO₂, Ta₂O₅, TaON, and other High k and Low k dielectric constant materials.

10. (Currently amended) The switch as claimed in claim 1, wherein said head comprises ~~and~~ an elastomeric material.

11. (Original) The switch as claimed in claim 1, wherein at least one of said electrical contacts is connected to a source of Rf signals.

12. (Withdrawn) The switch as claimed in claim 1, further comprising a pivot at an end of said central elongated member opposite to an end at which said head is fixed.

13. (Withdrawn) The switch as claimed in claim 1, further comprising a second head located at an end of said switch opposite to an end at which said first head is fixed.

14. (Withdrawn) The switch as claimed in claim 1, wherein said head has a V-shape.

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15. (Withdrawn) The switch as claimed in claim 14, wherein said pair of electrical contacts is located at two opposite ends of said head.

16. (Original) The switch as claimed in claim 1, wherein said head comprises a central conductive material, and an insulating material disposed along a length of said conductive material.

17. (Withdrawn) The switch as claimed in claim 1, wherein said switch comprises another head located at an end opposite said end at which said first head is fixed, each head having a V-shape.

18. (Previously Added) The switch as claimed in claim 1, wherein said central elongated member includes thin-film electrically conductive materials provided on an elongated insulating member, and wherein said thin-film electrically conductive materials are selected from the group consisting of W, Ta, Ti, Cu, Ag, Al, Ni, Fe, NiFe, Co, Mo, Sn, and Pb.

19. (Previously Added) The switch as claimed in claim 1, wherein said electrical contacts disposed at said one side are selected from the group consisting of Au, Pt, Pd, Phenium, Rutnenium, Rhodium and Iridium.

20. (Previously Added) The switch as claimed in claim 1, wherein said activation electrode is selected from the group consisting of Ni, Fe, Co, Ag, Pt, Pd, Au, Cu, Ruthenium, and Rodium.

21. (Previously Added) The switch as claimed in claim 1, further comprising an anchor, wherein said central elongated member has an end disposed at said anchor.

22. (Previously Added) The switch as claimed in claim 1, further comprising another pair of electrical contacts being disposed at another side of said part.